

CRF Errors Corrected by the STIC System Branch

0420/0590 O WPE #8

Serial Number: 091940,316B

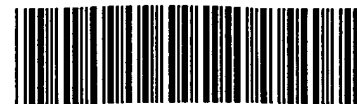
CRF Processing Date: 2/25/03
 Edited by: DC
 Verified by: _____ (STIC staff)

ENTERED

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: _____
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: _____
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: _____
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: _____
- ☒ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: _____
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: _____
- ☐ Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____
- ☐ Inserted mandatory headings, specifically: _____
- ☐ Corrected an obvious error in the response, specifically: _____
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: _____
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted **ending** stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____
- ☒ Other: Re-aligned amino numbers.

*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95



OIPE

RAW SEQUENCE LISTING

DATE: 02/25/2003

PATENT APPLICATION: US/09/940,316B

TIME: 14:18:49

Input Set : N:\jumbos\09940316BDC.txt

Output Set: N:\CRF4\02252003\I940316B.raw

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4     REEVES, CHRISTOPHER
5     CHU, DANIEL
6     KHOSLA, CHAITAN
7     SANTI, DANIEL
8     WU, KAI
10 <120> TITLE OF INVENTION: POLYKETIDES ENCODING THE fkbA GENE OF THE FK-520 POLYKETIDE
SYNTHASE
11     GENE CLUSTER
13 <130> FILE REFERENCE: 30062-20026.11
15 <140> CURRENT APPLICATION NUMBER: 09/940,316B
16 <141> CURRENT FILING DATE: 2001-08-27
18 <150> PRIOR APPLICATION NUMBER: 09/410,551
19 <151> PRIOR FILING DATE: 1999-10-01
21 <150> PRIOR APPLICATION NUMBER: US 60/139,650
22 <151> PRIOR FILING DATE: 1999-06-17
24 <150> PRIOR APPLICATION NUMBER: US 60/123,810
25 <151> PRIOR FILING DATE: 1999-03-11
27 <150> PRIOR APPLICATION NUMBER: US 60/102,748
28 <151> PRIOR FILING DATE: 1998-10-02
30 <160> NUMBER OF SEQ ID NOS: 72
32 <170> SOFTWARE: FastSEQ for Windows Version 4.0
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39 <220> FEATURE:
40 <221> NAME/KEY: CDS
41 <222> LOCATION: (52275)...(71465)
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200	gcgagcgcag	gaagtccctg	tcgggacggg	agtacgcctc	ccgggcctgg	tcgcgcgcga	9420
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202	actccggcag	cgacaggagc	gtggccgcct	gtcggccggg	gtagcaccgc	acctcgggca	9540
203	ggtggaacgc	cacctcggca	cgtcggcgcg	gctggtcgtc	gatgaacgcg	atcgtggtcg	9600
204	gtgcgaagtt	cagctccgtg	gcgatctcgc	ggacggactg	cgacttcggc	ccccatccga	9660

RAW SEQUENCE LISTING

DATE: 02/25/2003

PATENT APPLICATION: US/09/940,316B

TIME: 14:18:49

Input Set : N:\jumbos\09940316BDC.txt

Output Set: N:\CRF4\02252003\I940316B.raw

205	tgccgggccag	cacgaagtac	tccgccacac	cgaggcggttc	cagacgctcc	cacgcgaggt	9720
206	cgtggctcgtt	cttgctcgcc	accgcctgga	ggatgccgcg	gtcgtcgagc	gtggatgatca	9780
207	cctcgcggtat	ctcgtcggtg	aggaccacct	cgctgccttc	cagcacgggtg	ccccgccaca	9840
208	aggtgttgtc	caggtcccag	accagacact	tgacaatggg	catggctgtc	ctctcaagcc	9900
209	gggagcgcca	gcgcgtgctg	ggccagcatc	acccggcaca	tctcgtctgt	gccctcgatg	9960
210	atctccatga	gcttggcgtc	gcggtacgcc	cggttcgacga	cgtgtccctc	tctcgcgcct	10020
211	gccgacgcga	gcacctgtgc	ggcggtcgcg	gccccggcgg	cggctcgttc	ggcggcgacg	10080
212	tgcttgccca	ggatcgtcgc	gggcaccatc	tcgggcgagc	cctcgtccca	gtggctcgctg	10140
213	gcgtactcgc	acacgcgggc	cgcgatctgc	tccgcggtcc	acaggctcggc	gatgtgcccg	10200
214	gcgacgagtt	ggtggtcgcc	gagcgggccg	ccgaactgct	cccgggtccg	ggcgtggggc	10260
215	accgcggcgg	tgccgcaggc	ccgcaggatc	ccgacgcagc	cccaggcgac	cgacttgccg	10320
216	ccgtaggcga	gtgacgccgc	gaccagcatc	ggcagtgcgc	cgccggagcc	ggccaggacc	10380
217	gcgccggccg	gcacacgcac	ctggtccagg	tgcagatcgg	cgtggccggc	ggcgcggcag	10440
218	ccggacggct	tcgggacgcg	ctcgacgcgt	acgccggggg	tgctggcggg	cacgaccacc	10500
219	accgcaccgg	aaccatcctc	ctggagaccg	aagacgacca	ggtgggtccg	gtaggcgggc	10560
220	gcagtcgtcc	agaccttgtg	gccgtcgacg	acagcggtgt	ccccgtcgag	ccgaacccgc	10620
221	gtccgcgatc	ccgacagatc	gctgcccgcg	tgccgctcac	tgaagccgac	ggccgcgagt	10680
222	ttcccgcgtg	tcagctcctt	caggaaggtc	gcccgcgtgac	cggcgctcgc	gagccgctgc	10740
223	acggtccacg	cggccatgcc	ctgcgacgtc	atgacactgc	gcagcgaact	gcagaggctg	10800
224	ccgacgtgtg	cgggtgaactc	gccgttctcc	cggctgccga	gtcccagacc	gccgtgctcg	10860
225	gccgccactt	ccgcgcagag	caggccgtcg	gcgccgagcc	ggacgagcag	gtcgcgcggc	10920
226	agttcgccgg	acgtgtccca	ctcggcgggc	cggtcaccga	caaggctcgt	cagcagcgcg	10980
227	tcacgctcag	gcacgcagcg	cccgcagccg	gtggacgagt	gcgacctatg	actcgacggt	11040
228	acggaagttc	gcgagctgga	ggtccggggc	ggcgatcggt	acgtcgaacg	tcttctccag	11100
229	gtacacgacc	agttccatcg	cgaacagcga	cgtgaggccg	ccctccgcga	acaggtcgcg	11160
230	gtccacgggc	cagtcgcgac	tgggtcttcgt	cttgaggaac	gcgaccaacg	cgtgcgcgac	11220
231	gggggtcgctc	ttgacgggtg	cgggtcatgag	aacaccttct	cgtattcgta	gaagccccgg	11280
232	ccggtcttcc	ggccgtgggtg	tccctcgccg	accttgccca	gcagcaggtc	acagggggcg	11340
233	ctgcgctcgt	cgcgggtgcg	tttgtgcagc	acccacagcg	cgtcgacgag	gttgtcgatg	11400
234	ccgatcaggt	ccgcgggtgcg	cagcggcccg	gtcggatggc	cgaggcacc	cgtcatgagc	11460
235	gcgtcgacgt	cctcgacgga	cgcgggtgcc	tcttgacga	tccgcgccgc	gtcgttgatc	11520
236	atcgggtgga	gcagccggct	cgtgacgaag	ccgggcgcgt	cccggacgac	gatcggcttg	11580
237	cgccgcagcg	cgcgcagcag	gtccccggcg	gcggccatgg	ccttctcacc	ggtccggggg	11640
238	ccgcggatca	cctcgaccgt	cgggatcagg	tacgacgggt	tcatagaagt	cgtgccgagc	11700
239	aggctcctcg	gccggggccac	ggagtcggcc	agttcgtcaa	ccgggatcga	cgacgtgttc	11760
240	gtgatgaccg	ggataccggg	cgcgcgtgcc	gagaccgtgg	cgagtacctc	cgccttgacc	11820
241	tcggcgctct	cgacgacggc	ctcgatcacc	gcgggtggccg	taccgatcgc	gggcagcgcg	11880
242	gacgtggccg	tccgcagcac	accgggggtcg	gcctcgccgg	gcccggccac	gagttgtgcc	11940
243	gtccgcagtt	cgggtggcgat	ccgcgcccg	gccgcgta	ggatctctc	ggacgtgtcg	12000
244	acgagtgtca	ccgggacgcc	gtggcgcgac	gcgagcgtgg	tgatgccggg	gcccatact	12060
245	ccgcgcgcga	gcacgatcag	ctggtgggtcc	acgtgttttc	ctccctccgg	ggtcaccatg	12120
246	gcagcgagta	cgggtcgagg	acgtcttccg	gggtcgaccc	gatcgcgtcc	ttgcggccga	12180
247	ggccgagttc	gtcggcggaag	ccgagcagca	cgtcgaacgc	gatgtgggtc	gcgaacgcgc	12240
248	tgcccgctcg	gtcgaggacg	ctcaggctgt	cccgggtggc	cgcgcgggtg	tccggtgccg	12300
249	cgcacagggc	cgcagcgac	gggcccagct	cgcggtcggg	cagttgctgg	tactcgccct	12360
250	cggcgcgggc	ctgccccgga	tggtcgacgc	agatgaacgc	gtcgtcgagc	agggctcttc	12420
251	gcagttcggt	cttgccccgc	tcgtcggcgc	cgatggcggt	cacatgcagg	tgccgcagcc	12480
252	gcggtcgggc	gggcagcacc	ggccctttgc	ccgagggcac	cgagggtgac	gtggacagga	12540
253	catccgcggc	ggcggcggcc	tccgcgggat	cggtcacctt	gaccggcagt	ccgaggaacg	12600

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/940,316B

DATE: 02/25/2003

TIME: 14:18:50

Input Set : N:\jumbos\09940316BDC.txt

Output Set: N:\CRF4\02252003\I940316B.raw

L:2519 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:1

L:7351 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:28